

# Jillian McLaren

New York, NY  
(724) 771 - 7058  
[Jillian.McLaren@gmail.com](mailto:Jillian.McLaren@gmail.com)  
[linkedin.com/in/jillianmclaren](https://www.linkedin.com/in/jillianmclaren)  
[github.com/Jillian-Ann](https://github.com/Jillian-Ann)

## TECHNICAL PROJECTS

### Artemis, Podcast Recommendation & Streaming SPA

<https://www.ArtemisPlayer.com/>

#### Fullstack web app built with JavaScript and the NERD stack

- k-nearest neighbors machine learning algorithm powers a collaborative recommendation filtering system
- The TF-IDF algorithm and the Natural library extract relevant tags from episode descriptions to feed to the recommendation engine
- A seamless UI allows users to interact and provide feedback about podcasts, altering the tag scores associated with the user's current channel

### Nutri-Vision, Menu Nutrition Analyzer

<https://www.fullstackacademy.com/hackathon-presentations/nutri-vision>

#### iOS and Android app built with JavaScript and React Native

- Google's Vision OCR analyzes images taken with Expo's camera
- Axios sends requests querying data to an API route that triggers the server to send unirest requests to the Spoonacular API
- Data is filtered and a list of all dishes on the captured menu with their nutrition info is rendered

### Book Haven, E-Commerce Platform

<https://bookhaven.herokuapp.com/>

#### Fullstack CRUD App built with JavaScript the NERD Stack

- PostgreSQL/Sequelize creates models and associations that permit users to retrieve their account information and past orders
- Authentication supports non-logged-in, logged-in, and administrator users, and additionally allows users to log in with Google OAuth
- Admins have customized UI where they can easily view and alter all inventory and user information

## EXPERIENCE

### Fullstack Academy of Code, New York, NY

Teaching Fellow (10/2018 - current)

- Guide students with code errors and questions throughout 20+ workshops
- Administer technical interviews for prospective students 2 times weekly
- Mentor and hold reviews for students on Express, Sequelize, React, Redux and Node concepts

### Sheehan Family Co. New York, NY

Sales Data Analyst (07/2017 - 04/2018)

- Performed sales, marketing and ad hoc analysis for a beverage distributor with 200+ suppliers and 10,000+ clients, to evaluate brands' performances and to predict future sales and inventory needs
- Tracked KPIs, ran gross profit reports, and helped prepare next year's budget

Marketing & Tech Support (03/2017 - 07/2017)

- Provided technical support and helped manage the configuration of softwares utilized by the sales and marketing teams

## SKILLS

**Proficient:** JavaScript, React, Redux, Node.js, Sequelize/PostgreSQL, Express, HTML5, CSS3, Git

#### **Knowledgeable:**

React-Native, Socket.io, Webpack, Mocha, Chai, Google OAuth, Bootstrap, jQuery, TDD

## EDUCATION

### Fullstack Academy of Code

#### Software Engineering

June 2018 - October 2018

Immersive software engineering bootcamp focused on Javascript and the NERD stack

### University of California, Santa Barbara

#### BSc. Environmental Studies

September 2012 - June 2016

Concentration in food production and world agriculture

## LANGUAGES

English

Italian

German